

Organization Of Work On Multicast Transition

IETF 80-Prague, March 2011

Y. Lee on behalf of many authors

General Problem Statement

- The Multicast Transition Problem:
 - To enable existing multicast distribution mechanisms to work when signalling and content have to traverse one or more boundaries where IP version changes. Status
- At least a dozen drafts currently exist addressing aspects of this problem

Current Multicast Transition Drafts

- draft-venaas-behave-v4v6mcframework
- (draft-lee-behave-v4v6-mcast-fwk)
- draft-jaclee-behave-v4v6-mcast-ps
- draft-tsou-v6ops-multicasttransition-v6only
- draft-venaas-behave-mcast46
- draft-jiang-behave-v4v6mc-proxy
- draft-tsou-softwire-6rd-multicast
- draft-tsou-behave-translatedmulticast
- draft-sarikaya-behavemcast4nat64
- draft-ietf-mboned-auto-multicast
- draft-sarikaya-softwiredslite6rdmulticast
- draft-brockners-softwire-mcast-gids-lite
- draft-qin-softwire-dslite-multicast
- draft-xu-softwire-mesh-multicast
- draft-tsou-softwire-encapsulatedmulticast
- draft-tsou-multicast-transitiontaxonomy

Background

- The authors of these drafts and other interested parties (30 people) met last night to discuss the work to be done and how it should be organized
 - Problem statement
 - Solution frameworks
 - Solutions

The Organizational Problem

- The work on multicast transition implicates Working Groups in Applications, Internet, Transport, Routing, Real Time Applications Areas
 - How to coordinate?
 - How to ensure reasonable priority for multicast transition work in view of the WGs' crowded charters?
 - How to pull together the necessary expertise?

The Question

- Where can this work find a home?
 - For example, which WG would be willing to own the Problem Statement?
 - Candidates: Behave, Softwires, V6ops, Mboned
 - New Working Group?